

**GROSE et al.**  
**Serial No. 09/646,224**  
**November 10, 2004**

**AMENDMENTS TO THE DRAWINGS**

The attached sheet of drawings includes changes to Figures 1-11, in response to the Notice of Draftperson's Patent Drawing Review attached to the Office Action dated May 10, 2004 (Paper No. 10).

Attachment: Replacement Sheet(s)  
Annotated Sheet Showing Changes



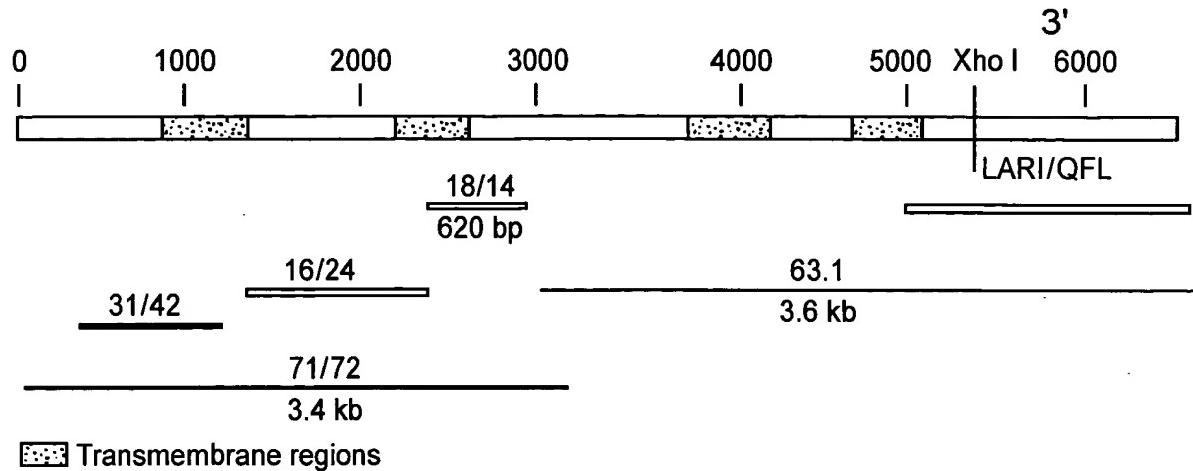
RECEIVED

1/12

NOV 16 2004

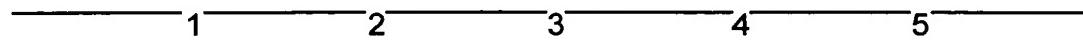
TECH CENTER 2800

## Figure 1

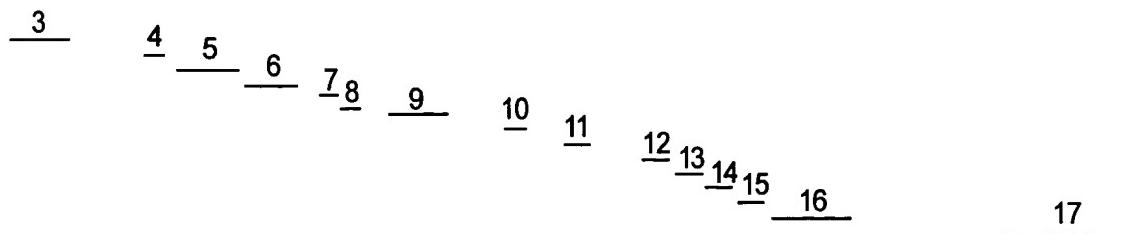


## Figure 2

### Rat SNS<sub>2A</sub> - cDNA sequence (kb)



### Human SNS<sub>2A</sub> sequences



O I P E SC183  
NOV 10 2004  
PATENT & TRADEMARK OFFICE

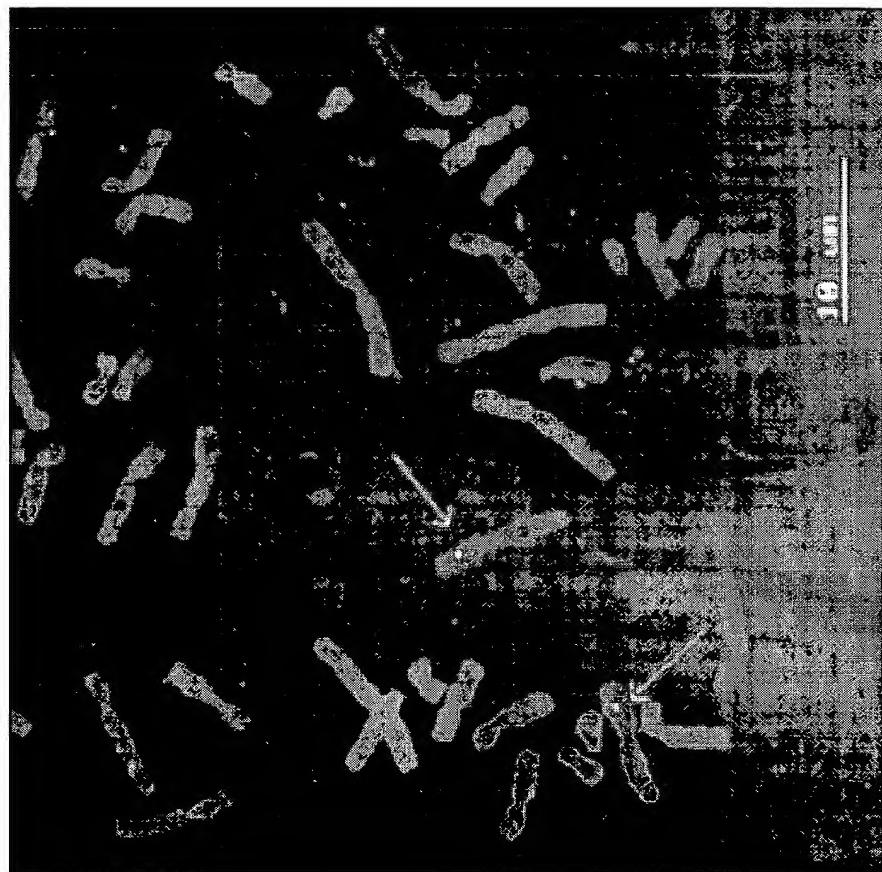
RECEIVED

NOV 16 2004

TECH CENTER 2800

2/12

Figure 3





RECEIVED

3/12

NOV 16 2004

TECH. CENTER 2800

## Figure 4

1    2    3    4    5    6    7    8    (kb)



- |               |   |
|---------------|---|
| Lane 1        | DRG   |
| Lane 2        | Spinal cord                                 |
| Lane 3        | Total brain                                 |
| Lane 4        | Adrenal gland                               |
| <u>Lane 5</u> | Heart                                       |
| Lane 6        | PC12  |
| Lane 7        | PC12 +NGF                                   |
| Lane 8        | RNA Markers (GIBCO 0.24 - .5 kb RNA ladder) |

O I P E  
NOV 10 2004  
PATENT & TRADEMARK OFFICE

RECEIVED

NOV 16 2004

TECH CENTER 2800

4/12

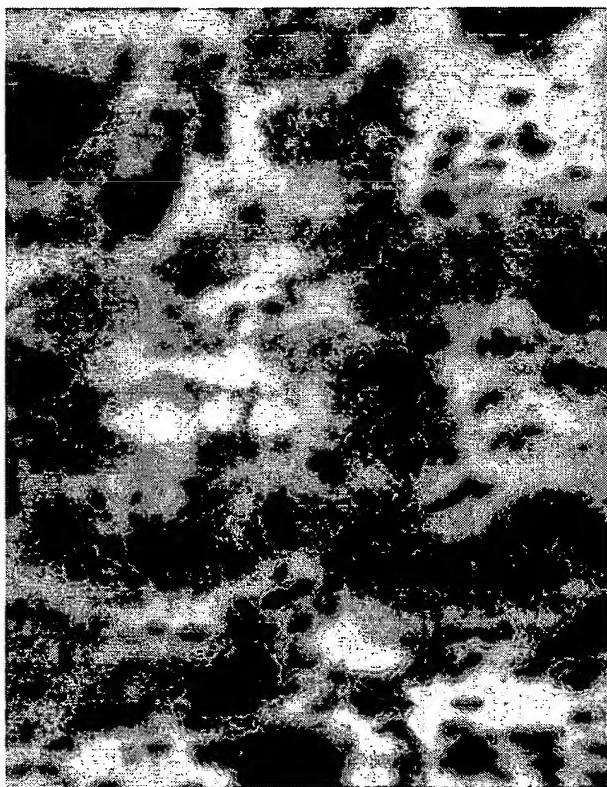


Figure 5A

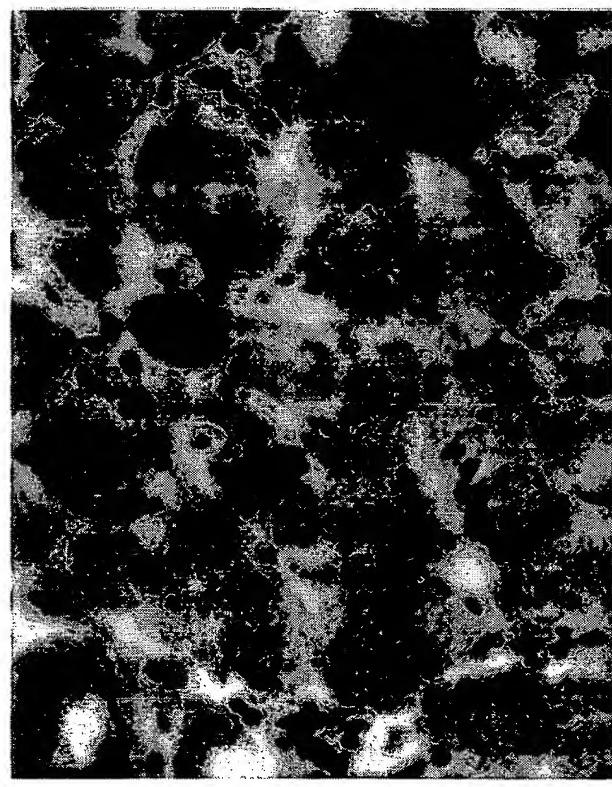


Figure 5B

O I P E  
NOV 10 2004  
PATENT & TRADEMARK OFFICE

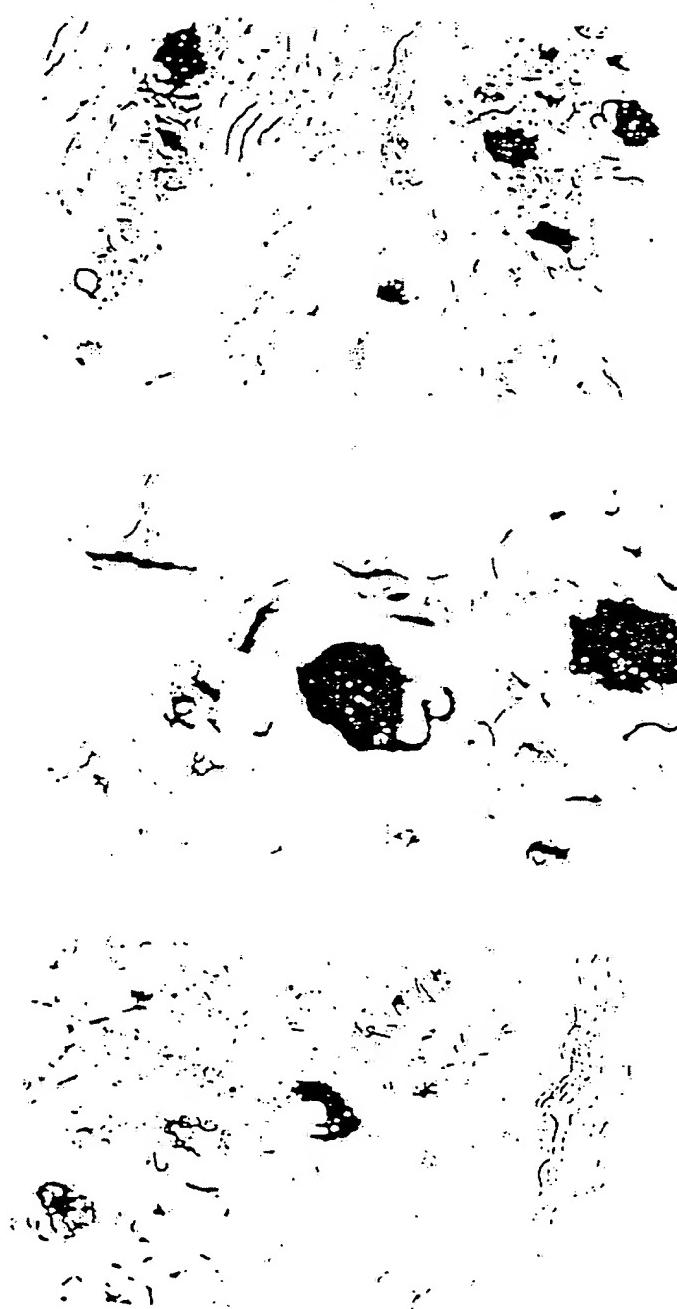
RECEIVED

NOV 16 2004

5/12

TECH CENTER 2800<sup>0</sup>

Figure 6



O I P E SC133  
NOV 10 2004  
PATENT & TRADEMARK OFFICE

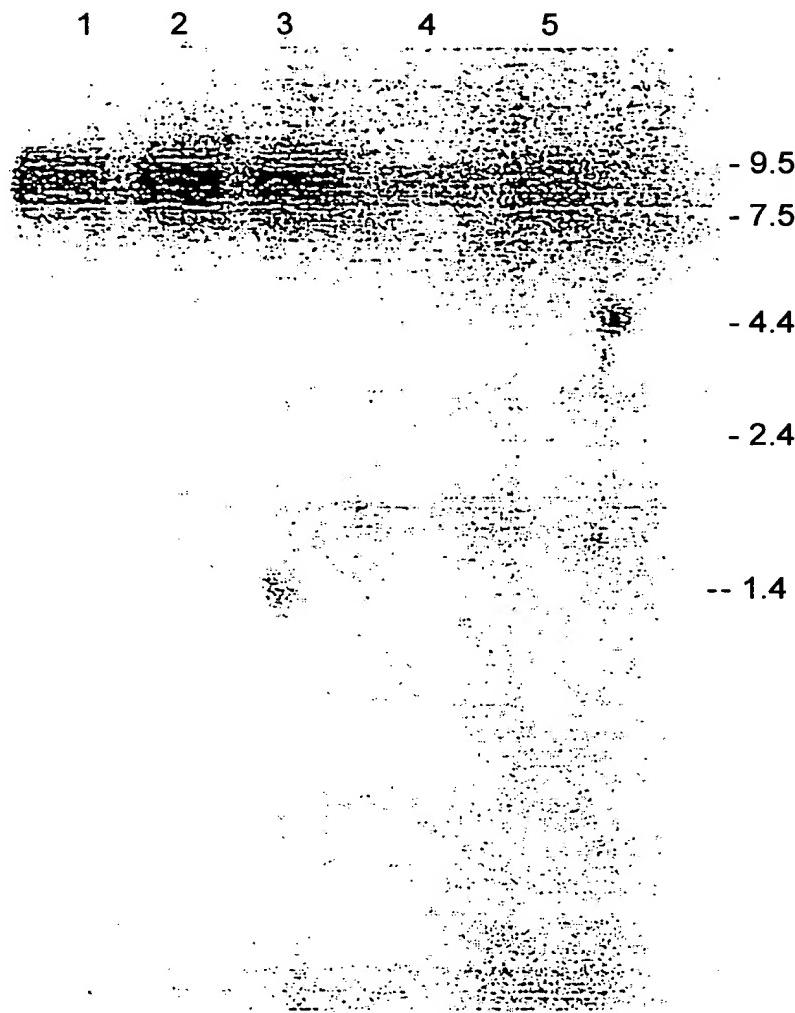
RECEIVED

6/12

NOV 16 2004

TECH CENTER 2800

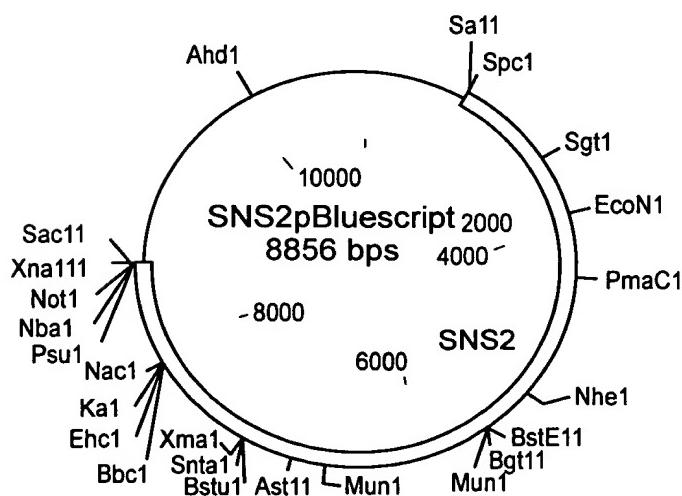
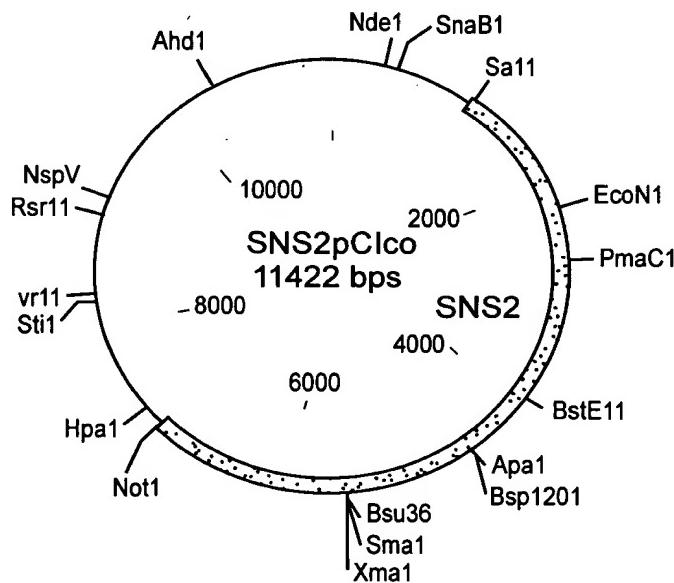
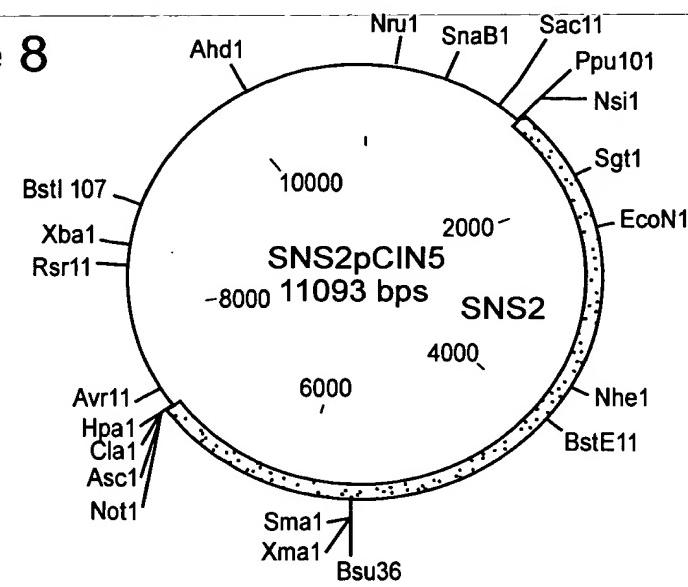
## Figure 7

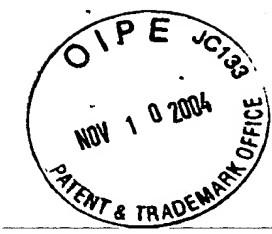


- |        |  |
|--------|--|
| Lane 1 | Control DRG                                    |
| Lane 2 | DRG + 24 hours complete freunds adjuvant (CFA) |
| Lane 3 | DRG + 24 hours sciatic nerve cut               |
| Lane 4 | DRG + 48 hours sciatic nerve cut               |
| Lane 5 | DRG + 7 dys hours sciatic nerve cut            |

Figure 8

7/12





RECEIVED

NOV 16 2004

TECH CENTER 2800

8/12

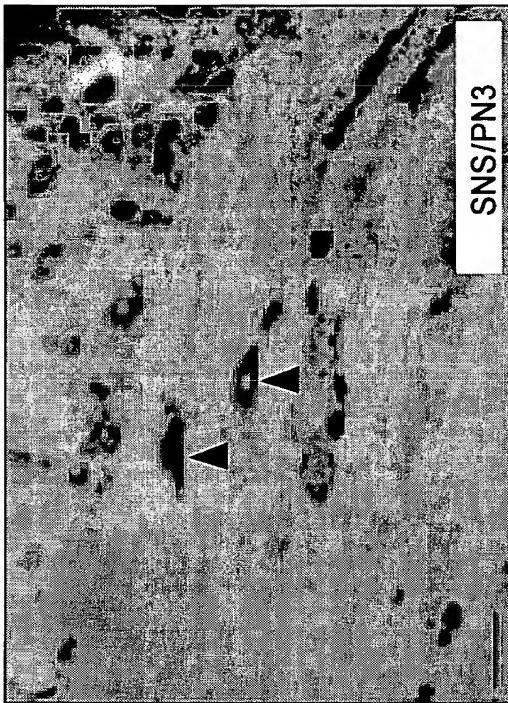


Figure 9B

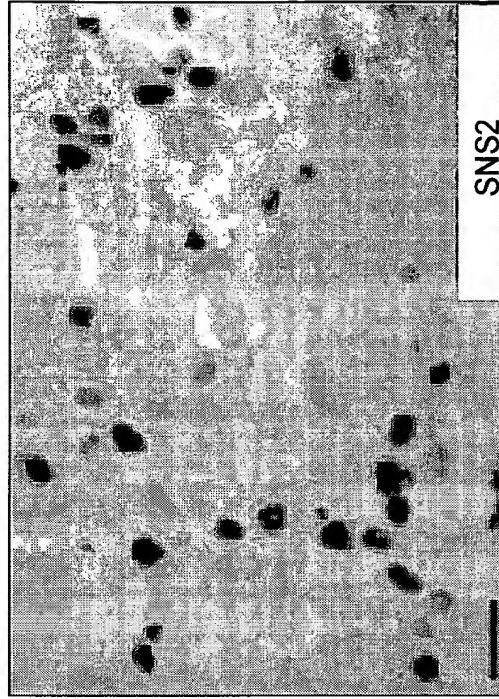


Figure 9E

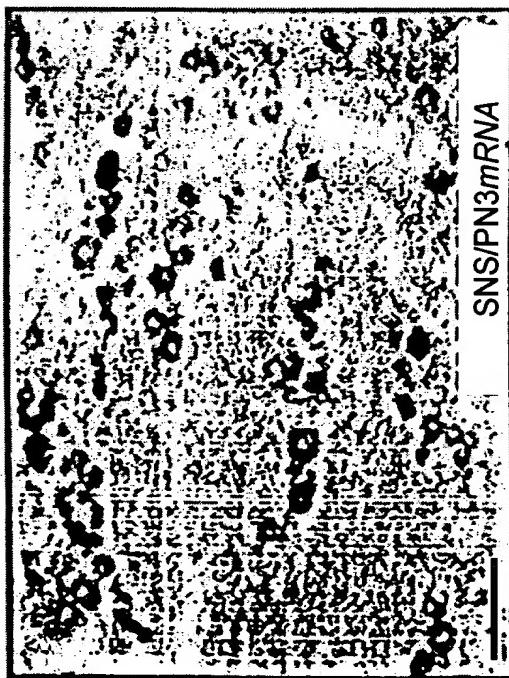


Figure 9A

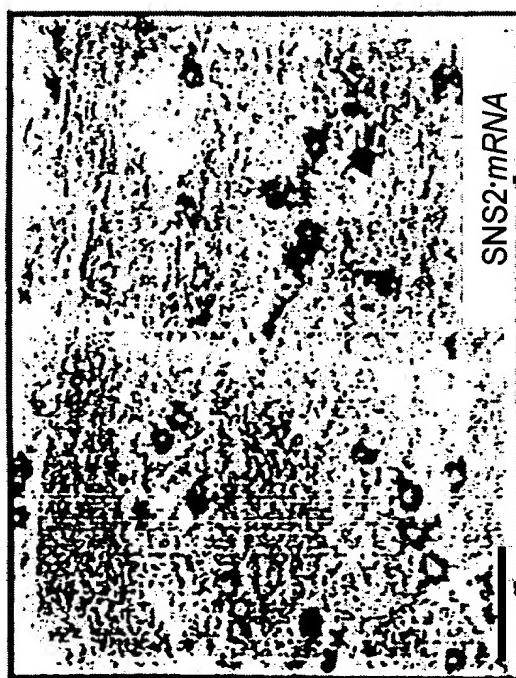


Figure 9D

O I P E JC139  
NOV 10 2004  
PATENT & TRADEMARK OFFICE

RECEIVED

NOV 16 2004

9/12

TECH CENTER 2800

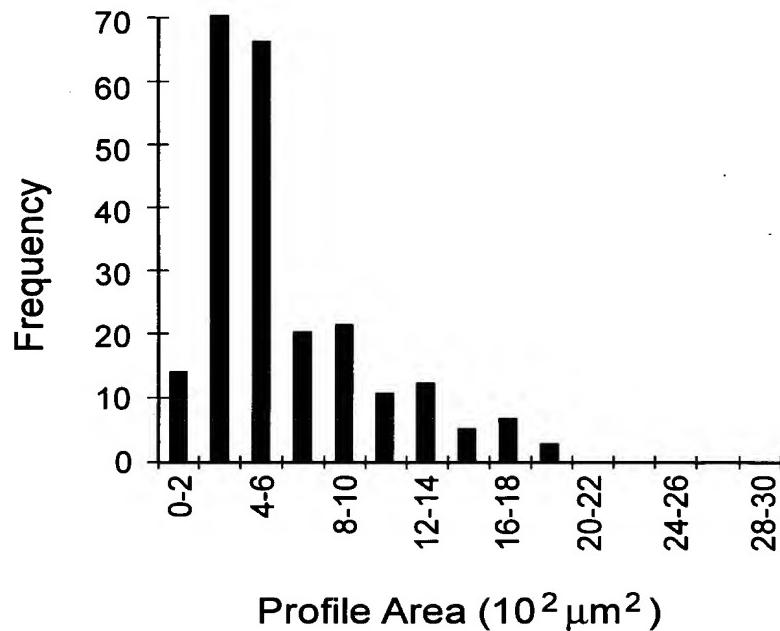


Figure 9C

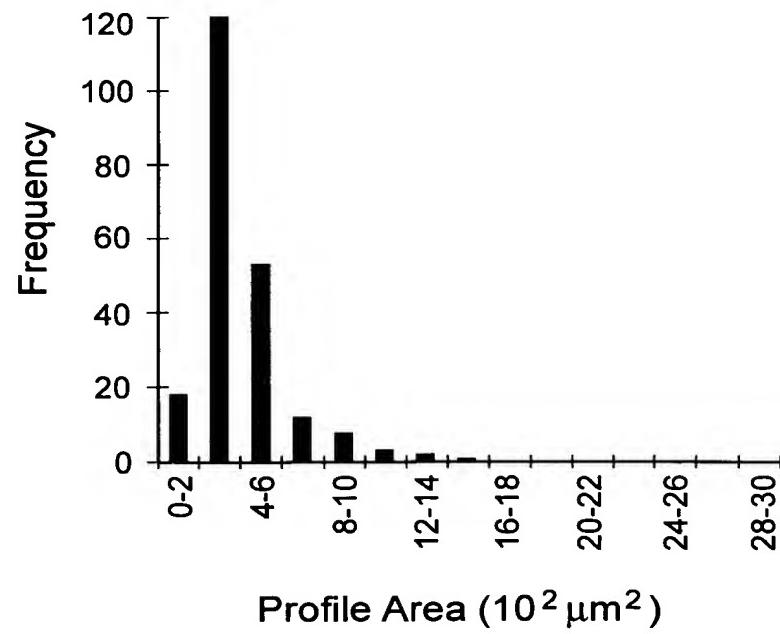


Figure 9F

O I P E NOV 10 2004  
PATENT & TRADEMARK OFFICE

RECEIVED

NOV 16 2004

TECH CENTER 2000

10/12



Figure 9H

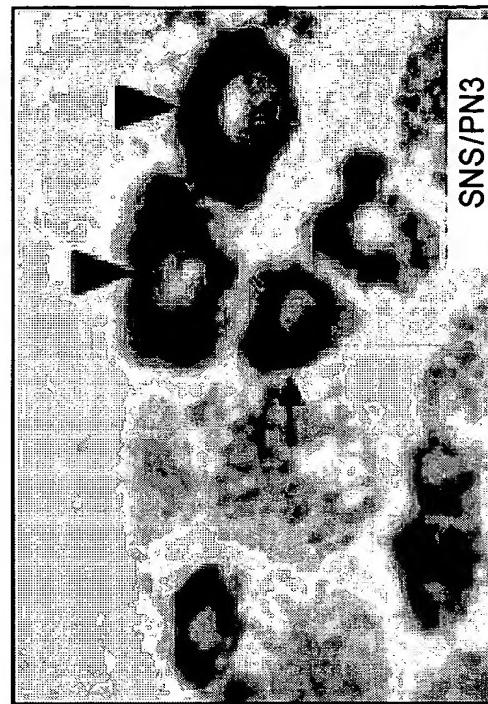


Figure 9J

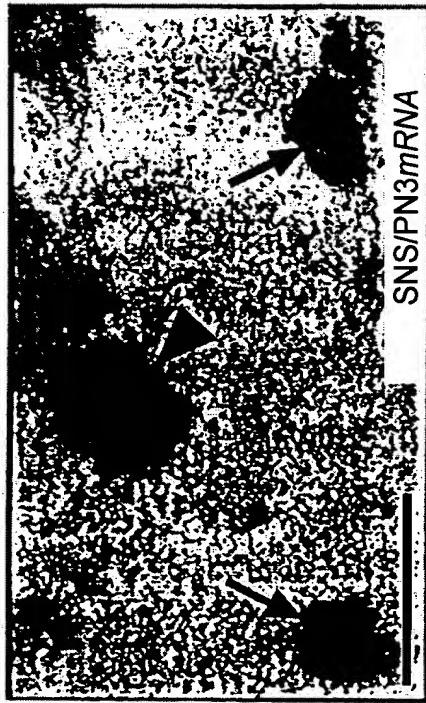


Figure 9G

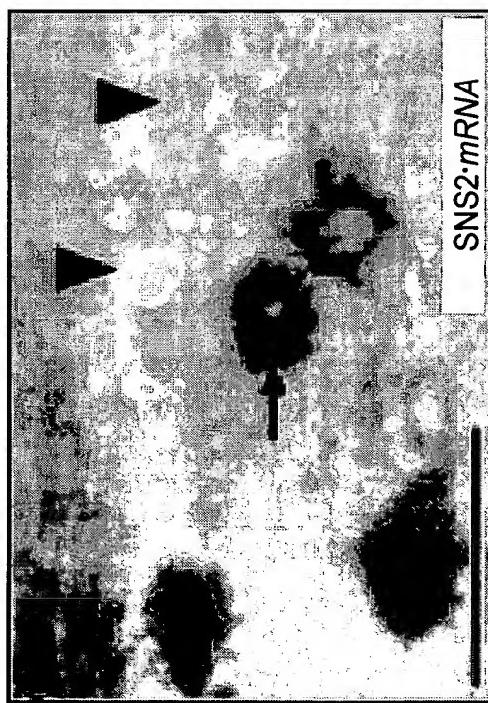


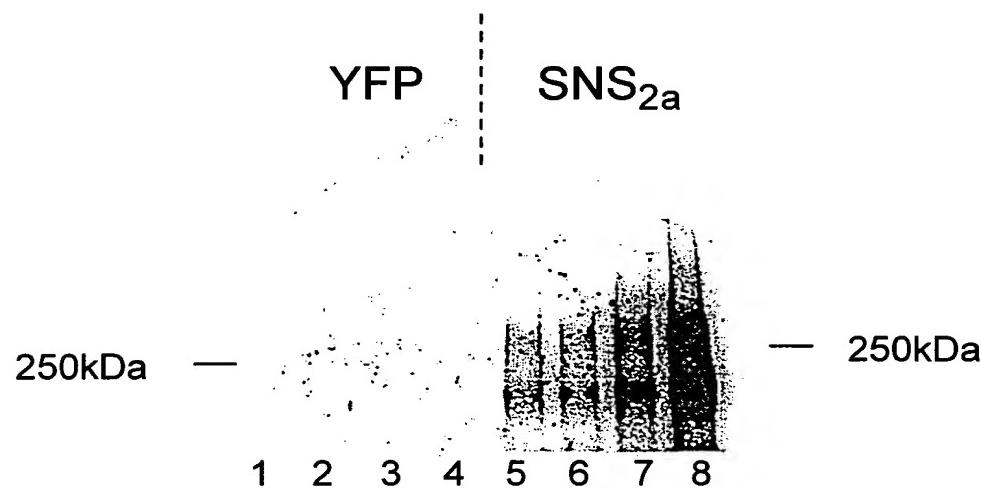
Figure 9I

O R E JC133  
NOV 10 2004  
PATENT & TRADEMARK OFFICE

RECEIVED  
NOV 16 2004  
TECH CENTER 2800

11/12

Figure 10



O I P E  
NOV 1 0 2004  
PATENT & TRADEMARK OFFICE

RECEIVED

NOV 16 2004

TECH CENTER 2800

12/12

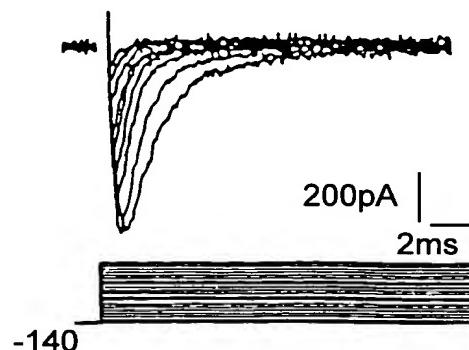


Figure 11A

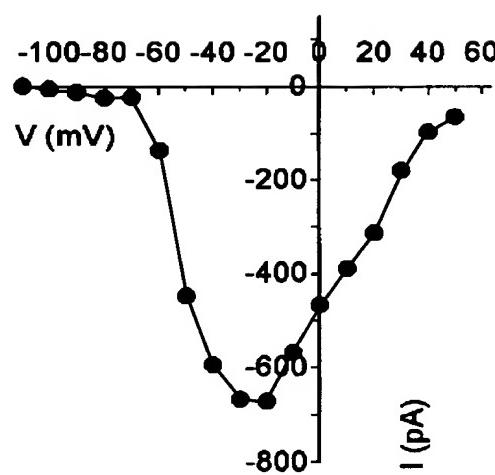


Figure 11B

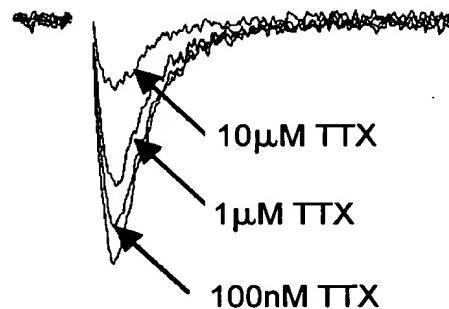


Figure 11C